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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	CISCO-2916
First Inventor	Tazio De Nicolo et al
Title	Unpowered Twisted Pair Loopback.
Express Mail Label No.	EL575423151US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 30 ]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [ Total Sheets 3 ]
5. Oath or Declaration [ Total Pages      ]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 17 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Other: .....

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: .....

Prior application information:

Examiner .....

Group / Art Unit: .....

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

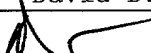
**18. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Label

or

☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

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Name (Print/Type)	David B. Ritchie	Registration No. (Attorney/Agent)	31, 562
Signature		Date	11/29/2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Maurilio Tazio De Nicolo  
SERIAL NO.: 09/048,922  
FILING DATE: May 2, 2000  
TITLE: POWER FEED FOR NETWORK DEVICES  
EXAMINER: Not yet assigned  
ART UNIT: Not yet assigned



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**CERTIFICATE OF MAILING**

"Express Mail" mailing label no.: **EL575423151US**

Date of Deposit: November 29, 00

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and addressed to:  
Box PATENT APPLICATION, Commissioner for Patents, Washington, DC 20231, on the date printed below:

Name: Lola Salazar

Lola Salazar

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**BOX PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231**

**TRANSMITTAL LETTER**

Enclosed for filing please find the patent application for an invention entitled, "UNPOWERED TWISTED PAIR LOOPBACK CIRCUIT FOR DIFFERENTIAL MODE SIGNALING", filed on behalf of CISCO Technology, Inc., assignee from inventors Maurilio Tazio De Nicolo, James Molenda, Karl Nakamura and Roger Karam, including Utility Patent Application Transmittal, 19 pages of specification, 9 pages of claims, 31 sheets of drawing figures, and 1 page of Abstract

The attorney's Docket Number is CISCO-2916.


Please address all communications regarding this application to:

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D'Alessandro & Ritchie  
P.O. Box 640640  
San Jose, CA 95164-0640  
Telephone (408) 441-1100

No fee is being paid at this time.

Respectfully submitted,  
D'ALESSANDRO & RITCHIE

Dated: November 29, 2000

  
\_\_\_\_\_  
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